

Application No. 10/024,080
Response to Office Action

Customer No. 01933/

Listing of Claims:

1. (Currently Amended) A confirmation sequence in which
progress of transmission of data from a data circuit-terminating
equipment to a circuit is confirmed by a data terminal equipment,
wherein the confirmation sequence is part of a communication
5 sequence which performs transmission of data from a ~~the~~ data
terminal equipment to a ~~the~~ circuit via a ~~the~~ data
circuit-terminating equipment by asynchronously executing
transmission of the data from the data terminal equipment to the
data circuit-terminating equipment and transmission of the data
10 from the data circuit-terminating equipment to the circuit,
wherein the confirmation sequence comprises:
wherein sending a first command, which indicates that the
transmission of the data from the data circuit-terminating
equipment to the circuit has not ended, from the data circuit-
15 terminating equipment ~~sends a first command~~ to the data terminal
equipment if ~~the~~ transmission of the data from the data
circuit-terminating equipment ~~to the circuit~~ has not ended at a
predetermined ~~timing~~ time after ~~end of transfer~~ transmission of
the data from the data terminal equipment to the data
20 circuit-terminating equipment has ended,
sending a second command, for requesting confirmation of the
progress of the transmission of the data from the data circuit-

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terminating equipment to the circuit, from the data terminal
equipment ~~sends a second command~~ to the data circuit-terminating
25 equipment at an arbitrary timing ~~upon reception~~ after receipt by
the data terminal equipment of the first command,

upon ~~reception~~ receipt of the second command ~~[[,]]~~ by the
data circuit-terminating equipment, one of: (i) again sending of
~~sends~~ the first command from the data circuit-terminating
30 equipment if the transmission of the data from the data circuit-
terminating equipment to the circuit has not ended, and (ii)
sending a third command, for indicating that the transmission of
the data has ended, from the data circuit-terminating equipment
to the data terminal equipment if the transmission of the data
35 from the data circuit-terminating equipment to the circuit has
ended, and

ending the confirmation sequence by the data terminal
equipment and the data circuit-terminating equipment ~~execute a~~
~~post data transmission procedure~~ after the third command is
40 ~~exchanged~~ sent from the data circuit-terminating equipment and
received by the data terminal equipment.

2. (Currently Amended) A ~~communication~~ confirmation
sequence according to claim 1, wherein the ~~second~~ first command
includes information representing ~~the~~ a degree of progress of
data the transmission of the data.

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3. (Currently Amended) A ~~communication~~ confirmation sequence according to claim 1, wherein the communication sequence is based on an ITU-T ~~(International Telecommunication Union-Telecommunication sector)~~ recommendation T.32.

4. (Currently Amended) A data circuit-terminating equipment which receives data sent from a data terminal equipment, and which sends the received data to a circuit asynchronously with reception of the data, said data circuit-terminating equipment comprising:

~~a reception section which receives data sent from a data terminal equipment in a first sequence;~~

~~a transmission section which transmits the data received in the reception section to a circuit in a second sequence asynchronous to the first sequence;~~

an unended transmission notification section which sends a first command, which indicates that transmission of the data to the circuit has not ended, to the data terminal equipment if the transmission of the data to the circuit in the transmission section has not ended at a predetermined timing time after end of the reception of the data in the reception section from the data terminal equipment has ended;

a response section which, ~~sends,~~ to the data terminal equipment upon reception of a second command from the data

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20 terminal equipment for requesting confirmation of progress of the
transmission of the data to the circuit, (i) again sends the
first command to the data terminal equipment if the transmission
of the data to the circuit has not ended, and (ii) sends a third
command, which indicates that the transmission of the data to the
25 circuit has ended, to the data terminal equipment if
the transmission of the data to the circuit has ended; and
a terminating processing section which executes a post-data
transmission procedure between the data circuit-terminating
equipment and the data terminal equipment after the third command
30 is sent.

5. (Currently Amended) A data circuit-terminating equipment
according to claim 4, wherein the ~~response section causes the~~
~~second first~~ command ~~to include~~ includes information representing
~~the a degree of~~ progress of data the transmission of the data to
the circuit.

6. (Original) A data circuit-terminating equipment
according to claim 4, wherein communication with the data
terminal equipment is performed by a communication sequence based
on an ITU-T recommendation T.32.

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7. (Currently Amended) A data terminal equipment which transmits data to a circuit via a data circuit-terminating equipment which asynchronously performs reception of the data and transmission of the data to the circuit, and comprises said data
5 terminal equipment comprising:

an inquiry section which sends a second command, of for
requesting confirmation of progress of the transmission of the
data from the data circuit-terminating equipment to the circuit,
to the data circuit-terminating equipment at an arbitrary timing
10 after the data circuit-terminating equipment sends a first
command, which indicates that the transmission of the data to the
circuit has not ended, after end-of-transfer transmission of the
data to the data circuit-terminating equipment from the data
terminal equipment has ended; [[,]] and

15 a terminating processing section which executes a post-data
transmission procedure after the data circuit-terminating equipment
sends a third command, which indicates that the transmission of the
data to the circuit has ended, in accordance with response to the
second command sent from the inquiry section.

8. (Original) A data terminal equipment according to
claim 7, wherein communication with the data circuit-terminating
equipment is performed by a communication sequence based on an
ITU-T recommendation T.32.

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9. (Currently Amended) A storage medium which stores a communication control program which causes is executable by a computer having a function of transmitting data to be transmitted to a circuit to a data circuit-terminating equipment which
5 asynchronously performs reception of the data and transmission of the data to the circuit, ~~to perform control concerning transmission of the data,~~ wherein the communication control program ~~includes a program which operates~~ is executable by the computer to cause the computer to operate as:

10 an inquiry section which sends a second command, for requesting confirmation of the transmission of the data from the data circuit-terminating equipment to the circuit, to the data circuit-terminating equipment at an arbitrary timing after the data circuit-terminating equipment sends a first command, which
15 indicates that the transmission fo the data to the circuit has not ended, after ~~end of transfer~~ transmission of the data to the data circuit-terminating equipment from the data terminal equipment has ended; [[,]] and

20 a terminating processing section which executes a post-data transmission procedure after the data circuit-terminating equipment sends a third command, which indicates that the transmission of the data to the circuit has ended, in accordance with response to the second command sent from the inquiry section.